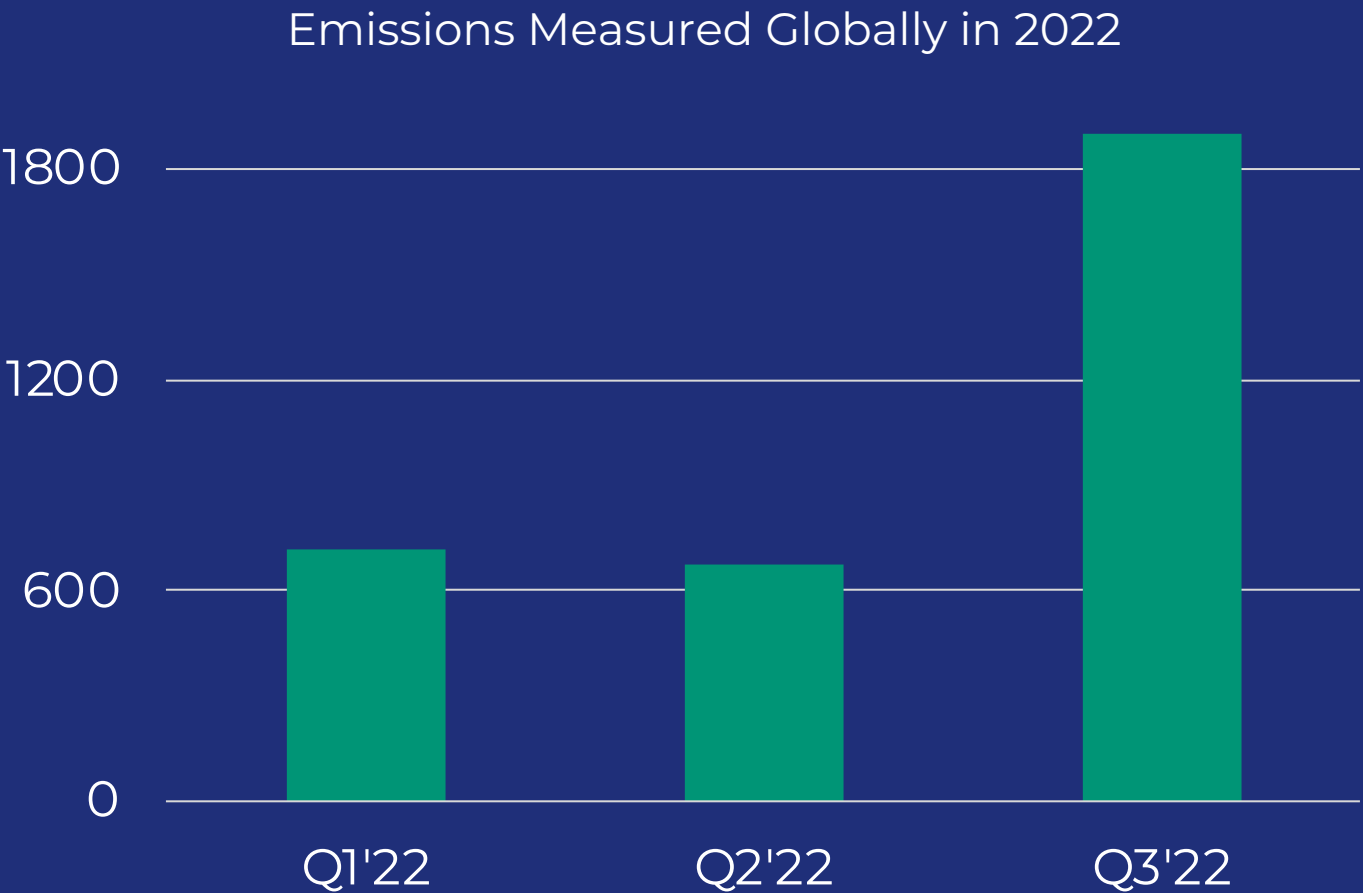


NEARLY
3X

We doubled the size of our fleet this year by adding our new satellites; Luca, Penny and Diako. Over the next three months, we saw a **181% uplift in emissions measured** compared to the previous three months.

As well as expanding our global coverage in Q3, we also more than doubled our number of observations per site in the same period.

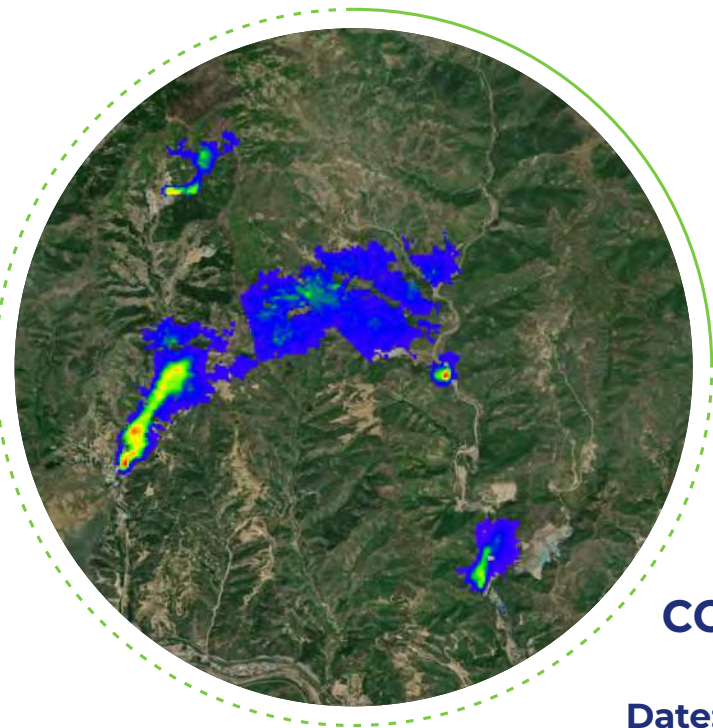


Fossil Fuel Emissions Accelerate in Q3

After a decline in Q2, emissions from Coal and Oil & Gas industries rose most sharply in Q3.

China, Russia and Australia contributed to 75% of total volume of emissions detected from **coal mining activities in Q3**.

A single observation of a coal mine in northern China measured 10 emissions for a combined estimated emission rate of 29 t/hr.



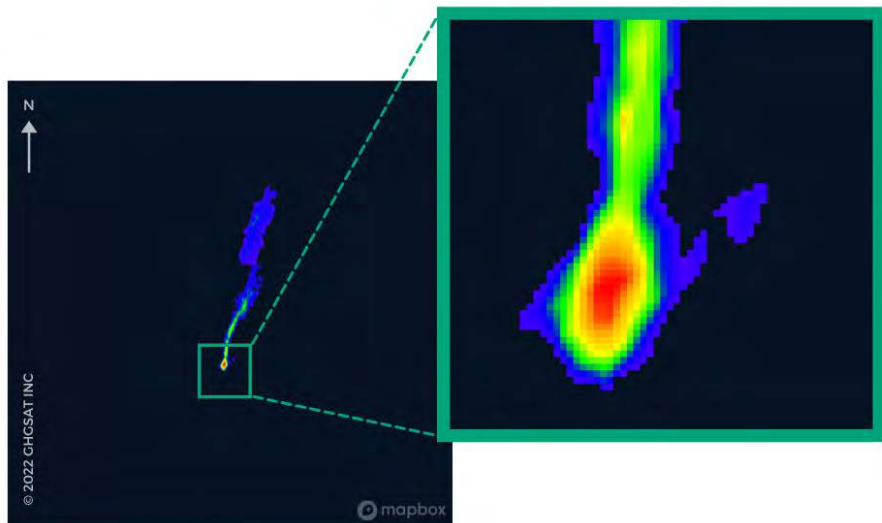
COAL MINE
China
Date: 2022-09-28



Offshore Measurements

Nord Stream 2 was the largest emission from a single source GHGSat has ever captured (**79 t/h**) GHGSat was able to retrieve this detection over water by targeting the 'glint spot'.

OIL & GAS
Offshore Nord Stream
Date: 2022-09-30



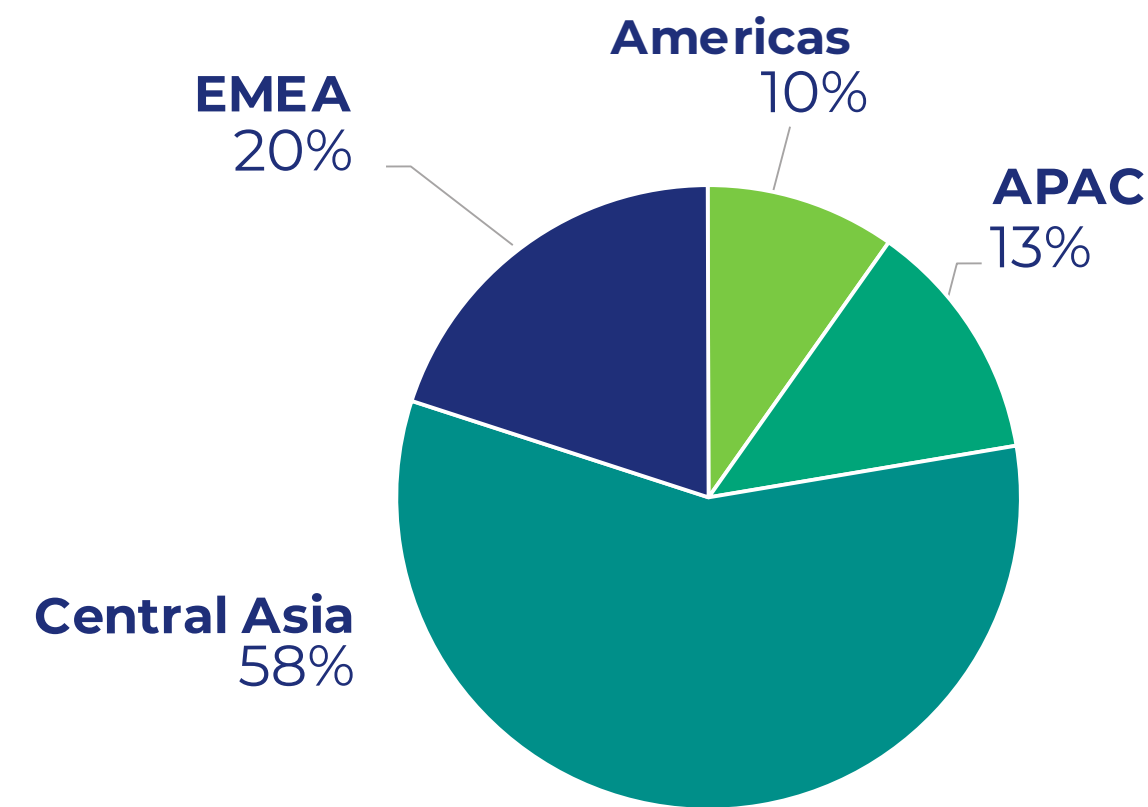
Q3 2022

IN FOCUS

A look into GHGSat's latest satellite emissions data

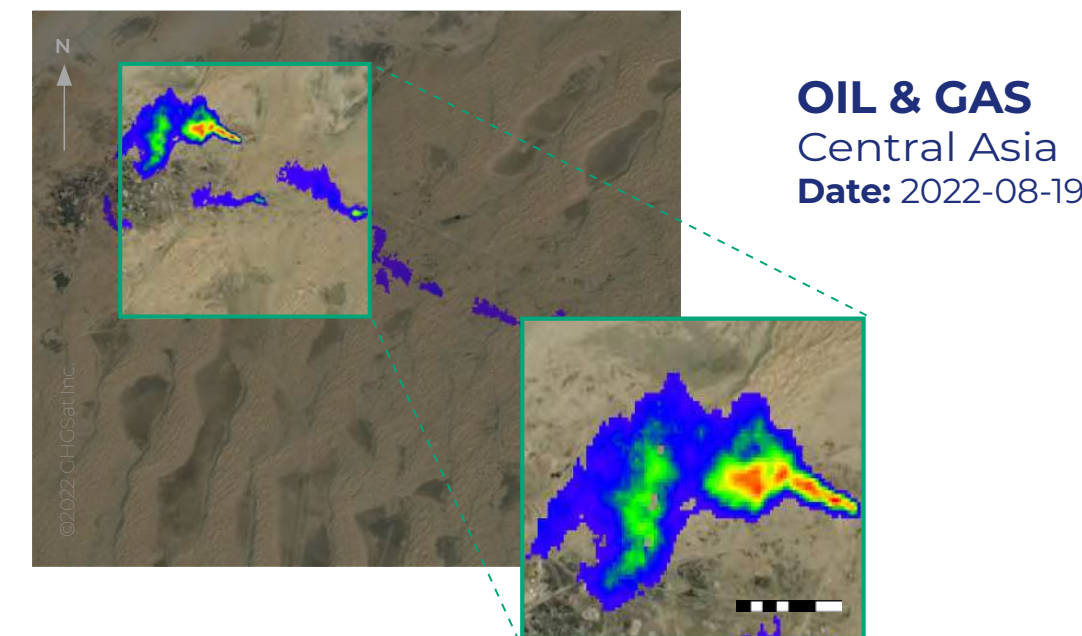


CENTRAL ASIA – TOP EMITTING REGION



Geographic Distribution of O&G Emissions

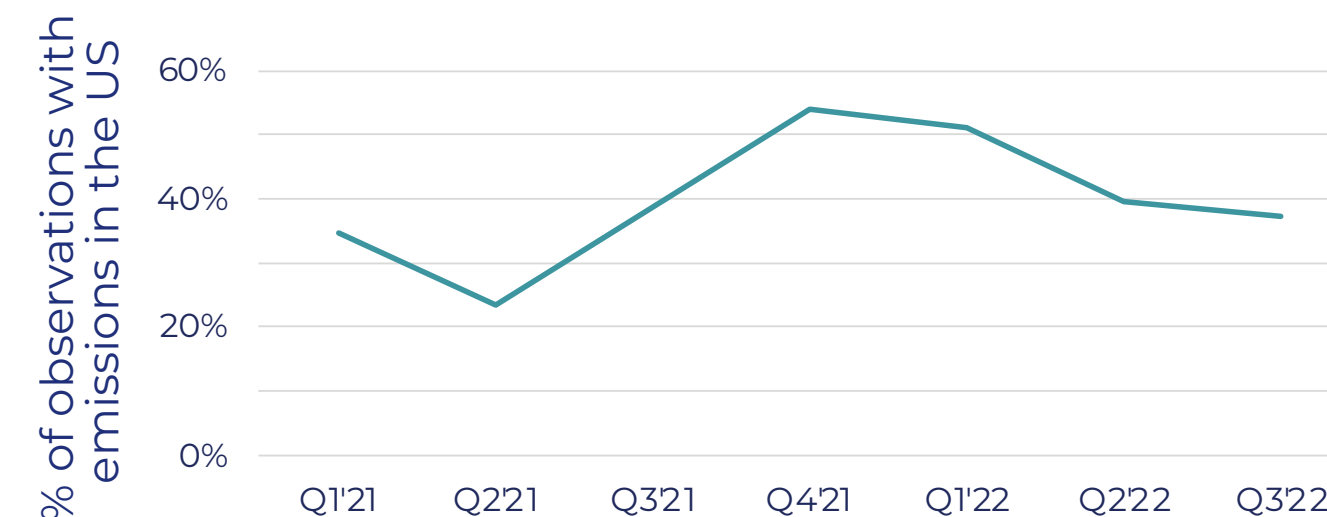
In Q3, **58%** of all O&G emissions in our data were in Central Asia.



US Natural Gas – Will it peak again in winter?

US O&G emissions measured per observation have plateaued between Q2 and Q3 2022 at approximately 40%.

We will be looking at the data to see if the ratio rises this Winter as it did last year, particularly in the wake of [OPEC countries cutting back on production](#).



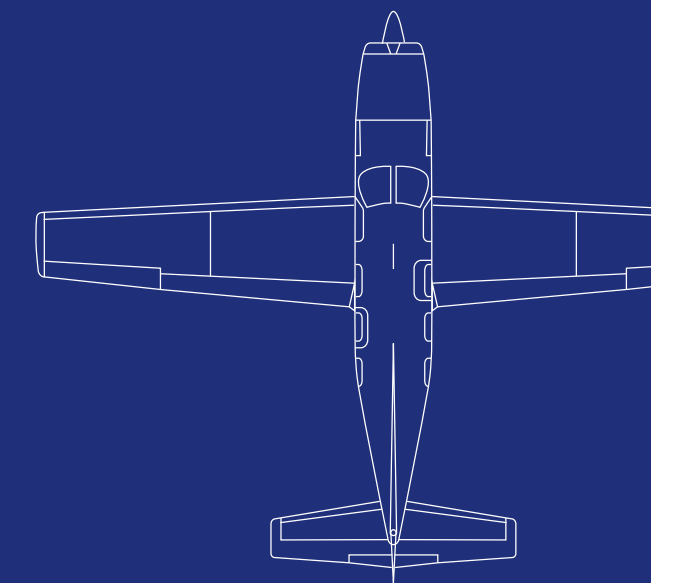
NASA Awards GHGSat Commercial Small Data Acquisition Agreement

[Read more](#) →

DATA.AIR

Measure emissions from individual and hard-to-reach facilities. Get on our next aerial monitoring flight.

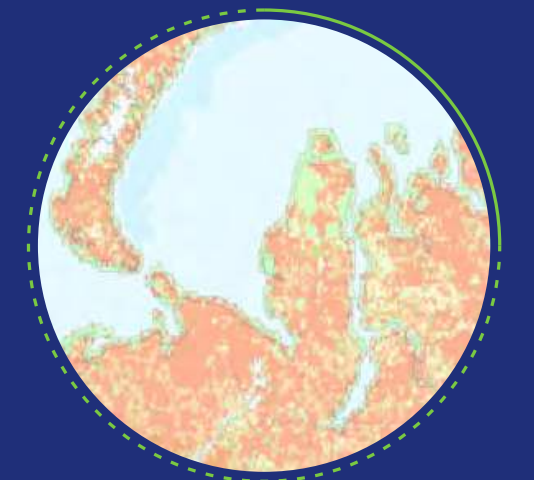
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